

In the Specification

Please replace the paragraph beginning at page 4, line 5 with the following rewritten paragraph.

~~Fig. 5 shows~~ Figs. 5A and 5B show another embodiment of the programming current that may be used to program an antifuse.

Please replace the paragraph beginning at page 8, line 11 with the following rewritten paragraph.

~~Fig. 5 shows~~ Figs. 5A and 5B show programming pulses that include a plurality of current limited prepulses that may be used to program antifuse 100 in accordance with another embodiment of the present invention. As shown in ~~Fig. 5~~ Figs. 5A and 5B, an initial prepulse 202, which is at full voltage and is current limited, is used to move the conductive filament 113 into amorphous silicon 112. A second prepulse 210, which has opposite polarity, follows prepulse 202. The second prepulse 210 may have the same, less, or greater magnitude current as the initial prepulse 202 and e.g., has a current I_2 that is limited to 3mA to 7mA. It should be understood that while two prepulses, i.e., prepulses 202 and 210, are shown in ~~Fig. 5~~ Figs. 5A and 5B, any desired number of prepulses may be used.

Please replace the paragraph beginning at page 8, line 25 with the following rewritten paragraph.

As discussed above, if desired, the resistance of antifuse 100 may be reduced further by repeating the non-current limited pulses 212 and/or 214. ~~Fig. 5 shows~~ Figs. 5A and 5B show pulse 212 repeated as pulse 212a.